

HOM  
BLOOMINGTON

[illegible]

**Registration Information**

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision, and that I am a duly Licensed Architect under the laws of the State of Minnesota

**Printed Name**

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**Signature**

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**DATE**                      **License #**

10-13-15                      16844

# Sheet Information

## SITE PLAN







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|          |           |
|----------|-----------|
| DATE     | License # |
| 10-13-15 | 16844     |

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① 2ND. FLOOR PLAN  
1/16" = 1'-0"

## A1.1



1494

# Hollinbeck Enterprises Addition

## Block 1

**Lot 1**  
Existing Building  
50,084 Sq. Ft. +/- Footprint (Lot 1)  
Lot Area = 154,835 Sq. Ft. +/-  
FFE 847.1

**Lot 2**  
Existing Building  
28,645 Sq. Ft. +/- Footprint (Lot 2)  
Lot Area = 64,640 Sq. Ft. +/-  
Proposed FFE 847.1

Fremont Avenue South  
N 0° 06' 53" E 32.43 (PLAT)

Dupont Avenue South  
N 00° 09' 00" E 504.56 (REC.)

Clover Drive

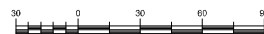
N 89° 58' 53" E 200.20 (PLAT)

N 89° 44' 32" E 485.14 (PLAT)

LOTS 6 & 11 S. SOUTH BEND TERRACE ADDITION



SCALE 1 INCH = 30 FEET



GRAPHIC SCALE

### Legend

EXISTING PROPERTY BOUNDARY

PROPOSED CONCRETE SIDEWALK/LOADING AREA (SEE DETAILS 2/C4 & 3/C4)

PROPOSED BITUMINOUS PAVEMENT (SEE DETAILS 1/C4 & 7/C4)

### Layout Notes

- 1) ALL RADII TO BACK OF CURB
- 2) ALL DIMENSIONS TO THE FACE OF CURB UNLESS NOTED OTHERWISE
- 3) PAVEMENT STRIPING TO BE 4" WIDE WHITE PAINTED STRIPE. ACCESSIBLE ACCESSIBLE STRIPING SHALL BE 4" WIDE WHITE PAINTED STRIPE 18" ON CENTER AND AT 45 DEGREE ANGLES TO STALL.

### Keyed Notes

- 1) INSTALL BITUMINOUS PAVEMENT, REFER TO DETAIL 1/C4.
- 2) INSTALL CONCRETE SIDEWALK, REFER TO DETAIL 2/C4.
- 3) INSTALL CONCRETE LOADING DOCK, REFER TO DETAIL 4/C4.
- 4) INSTALL ADA PARKING SIGN, REFER TO DETAIL 4/C4.
- 5) INSTALL STEEL BOLLARD, 6" DIA. CONCRETE FILLED, 48" BELOW GRADE AND 42" ABOVE GRADE. INSTALL STANDARD YELLOW IDEAL SHIELD OVER TOP OF BOLLARD.
- 6) INSTALL NEW 6x12 CONCRETE CURB AND GUTTER, REFER TO DETAIL 5/C4.
- 7) INSTALL NEW CONCRETE ADA RAMP, REFER TO DETAIL 8/C4.
- 8) INSTALL TWO BAR SAFETY RAILING (GALVANIZED) ON TOP OF RETAINING WALL.
- 9) INSTALL BLACK POWDER COATED RAILING FOR STEPS, REFER TO DETAIL 7/C4.
- 10) INSTALL HEAVY DUTY BIT. PAVEMENT SECTION, REFER TO DETAIL 1/C4.
- 11) CURB IS PLAT FOR ENTIRE WIDTH OF STALLS.

### Construction Specifications

1. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE PROVISIONS OF FEDERAL, STATE AND LOCAL SAFETY LAWS AND BUILDING CODES. ALL WORKMANSHIP SHALL COMPLY WITH THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION STANDARDS.
2. ALL FEES AND PERMITS SHALL BE THE RESPONSIBILITY OF THE INSTALLING CONTRACTOR UNLESS NOTED OTHERWISE.
3. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING EXISTING BUILDING, UTILITIES, WALKS, CURB AND PAVEMENT FROM DAMAGE.
4. ALL WORK MUST BE IN ACCORDANCE WITH THE ADA STANDARDS FOR ACCESSIBLE DESIGN AS PUBLISHED IN THE TITLE II REGULATIONS (28 CFR PART 36) PUBLISHED SEPTEMBER 15, 2010 ISSUED BY THE DEPARTMENT OF JUSTICE.
5. THE PORTLAND CEMENT FOR THE CONCRETE PAVEMENT SHALL CONFORM TO ASTM C-150 AND THE AGGREGATE SHALL CONFORM TO ASTM C-33. PLAIN CONCRETE PAVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH MINNESOTA DEPARTMENT OF TRANSPORTATION SPECIFICATIONS. CONCRETE SHALL BE READY MIXED CONCRETE AND SHALL BE A MIX OF PROPORTIONED FINE AND COARSE AGGREGATE WITH PORTLAND CEMENT AND WATER. MINIMUM CEMENT CONTENT SHALL BE 5 BAGS PER CUBIC YARD OF CONCRETE AND MAXIMUM WATER CONTENT SHALL BE 5.5 US GALLONS PER SACK OF CEMENT. INCLUDING MIXTURE IN THE AGGREGATE. SLUMP FOR NORMAL WEIGHT CONCRETE SHALL BE A MAXIMUM OF 4 INCHES AND A MINIMUM OF 2 INCHES. THE SLUMP OF MACHINE PLACED CONCRETE SHALL BE NO LESS THAN 1 1/4 INCH NO MORE THAN 3 INCHES. STANDARD STRENGTH OF CONCRETE OF 28 DAYS SHALL BE 4,000 PSI FOR THE TRUCK DOLLY PAD AND 4,000 PSI FOR THE SIDEWALKS & CURB. ALL CONCRETE SHALL HAVE AIR ENTRAINMENT OF 5% TO 8% BY VOLUME PER ASTM C-260. RETEMPERING OF DELIVERED CONCRETE WILL NOT BE ALLOWED. MIX DESIGN SHALL BE SUBMITTED TO ENGINEER FOR APPROVAL. FIBER MESH ADDITIVE REQUIRED FOR ALL CONCRETE PLAT WORK.
6. CONTRACTOR SHALL ENSURE THAT SUBBASE FOR SIDEWALKS AND PAVEMENT IS CORRECTLY COMPACTED TO 100% STANDARD PROCTOR. CONTRACTOR RESPONSIBLE FOR TESTING AND REPORTING TEST RESULTS TO ENGINEER.
7. THE CONCRETE PAVEMENT REQUIRES WELDING STEEL WIRE FABRIC CONFORMING TO ASTM A185. THE JOINT FILLER SHALL BE NON-EXTRUDING, PRE-VOIDED TYPE MEETING ASTM D-6944. CONTRACTION JOINTS SHALL BE 1/4" (MIN. DEPTH OF 1/3 OF SLAB THICKNESS) TOoled CONTROL JOINTS.
8. IT IS RECOMMENDED THAT THE CONTRACTOR NOTIFY DIGGERS HOT LINE AT 811 AT LEAST 72 HOURS PRIOR TO CONSTRUCTION.
9. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS ASSOCIATED WITH THE PROPOSED WORK

**ERICKSON CIVIL**

283 North Main Street, Suite 201  
St. Paul, Minnesota 55102  
Phone (612) 291-3904

www.ericksoncivil.com

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| DRAWING PHASE:    |  |
| OWNER REVIEW      |  |
| AGENCY REVIEW     |  |
| DD DOCUMENT       |  |
| FOR CONSTRUCTION  |  |
| AS-BUILT DOCUMENT |  |

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER IN THE STATE OF MINNESOTA.  
TODD A. ERICKSON, P.E.  
40418  
LICENSE NO.  
10/14/2015  
DATE

**OWNER/RECORD**  
HOM FURNITURE  
10301 Woodcrest Drive NW  
Coon Rapids, Minnesota 55433

**PROJECT TITLE**  
HOM FURNITURE  
7800 Dupont Avenue South  
Bloomington, Minnesota

| DATE | REVISION | DESCRIPTION |
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JOB NO. 15-123

**SHEET TITLE**  
LAYOUT PLAN

**SHEET NO.**  
C2  
SHEET 2 OF 4



|   |                   |
|---|-------------------|
|   | OWNER REVIEW      |
| f | AGENCY REVIEW     |
|   | BID DOCUMENT      |
|   | FOR CONSTRUCTION  |
|   | AS-BUILT DOCUMENT |

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 PLAN, SPECIFICATION OR  
 REPORT WAS PREPARED BY ME  
 OR UNDER MY DIRECT  
 SUPERVISION AND THAT I AM A  
 FULLY LICENSED PROFESSIONAL  
 ENGINEER IN THE STATE OF  
 ILLINOIS. I AM NOT PROVIDING  
 MY SIGNATURE OR SEAL FOR  
 ANY OTHER PROJECT.  
 GORDON A. ERICKSON, PE  
 40418  
 LICENSE NO.  
 10/14/2015  
 DATE:

**HOM FURNITURE**  
10301 Woodcrest Drive NW  
Coon Rapids, Minnesota 55433

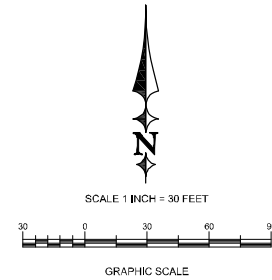
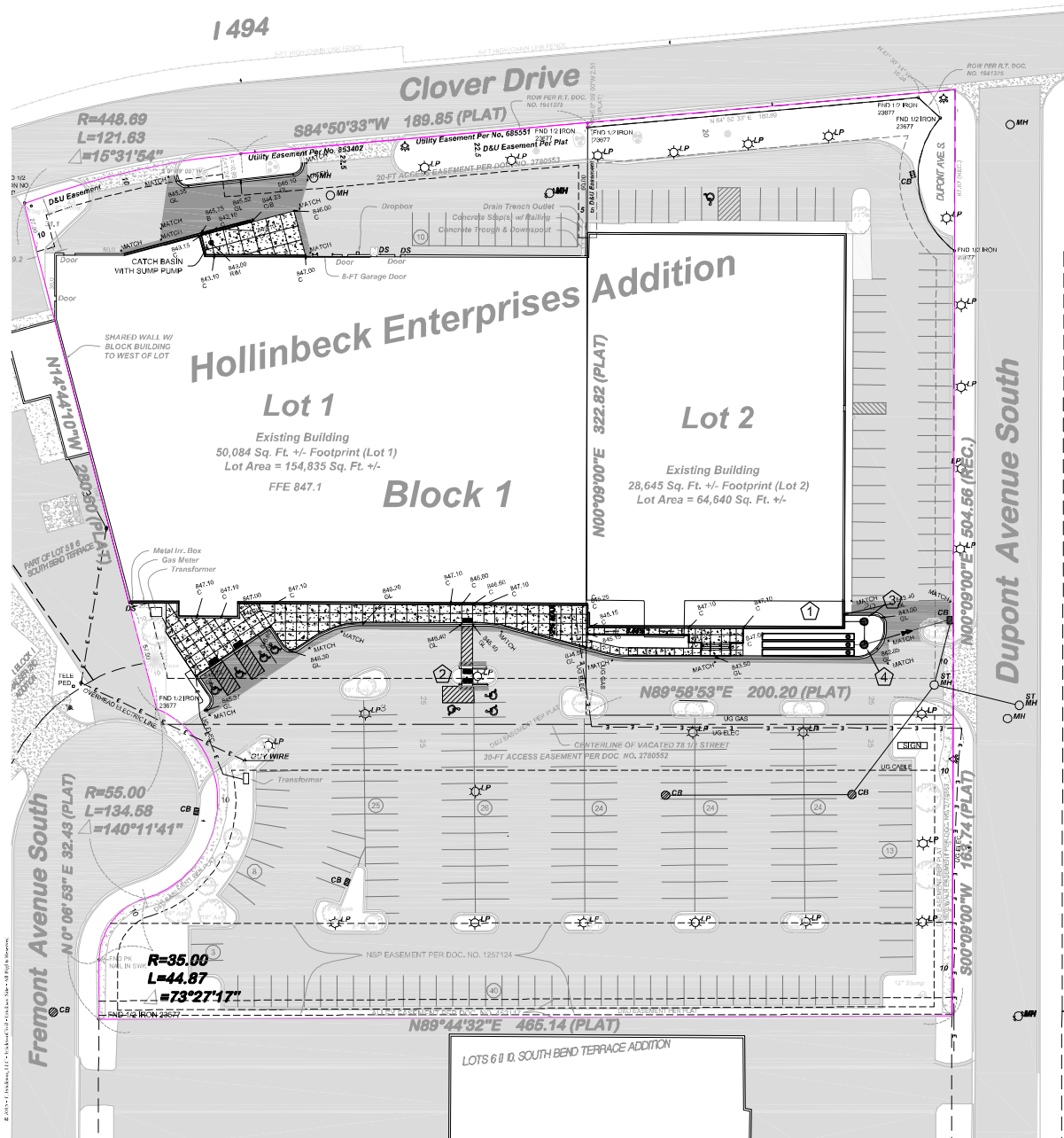
**HOM FURNITURE**  
800 Dupont Avenue South  
Bloomington, Minnesota

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15-123

# GRADING AND DRAINAGE PLAN

**SHEET NO.**  
**C3**



PROPERTY BOUNDARY

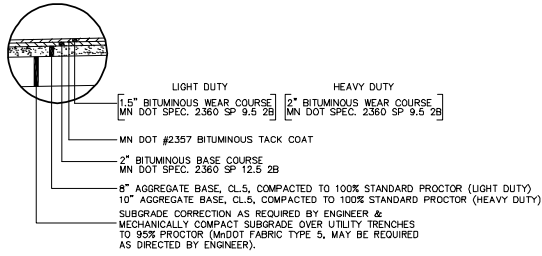
PROPOSED SPOT ELEVATION  
GL = GUTTER LINE  
C = CONCRETE  
G = GROUND

PROPOSED STORM SEWER (SIZE INDICATED ON PLANS)

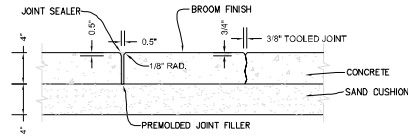
- 1) SPOT ELEVATIONS ARE ALL GUTTER LINE OR FINISHED ELEVATION UNLESS NOTED OTHERWISE.
- 2) ELEVATIONS/CONTOURS SHOWN AS FINISHED GRADE ELEVATIONS. REFER TO GEOTECHNICAL REPORT FOR ADDITIONAL REQUIREMENTS.
- 3) DO NOT SPREAD TOPSOIL WHILE IT IS FROZEN OR MUDDY OR WHEN THE SUBGRADE IS WET OR FROZEN. CORRECT ANY IRREGULARITIES IN THE SURFACE OF THE FILL. TO PREVENT DAMAGE TO THE SUBGRADE, OTHER OPERATIONS TO PREVENT THE FORMATION OF DEPRESSIONS OR WATER POCKETS, BURNING OR DOUBLING THE LOGS AND BIG LOGS TO BE USED TO STABILIZE THE SILT FILLING CANNOT BE INSTALLED PROPERLY DURING FROZEN CONDITIONS.
- 4) CONTRACTOR SHALL SCHEDULE SOILS TESTING FOR EACH STRUCTURAL FILL AREA, PAD AND STREET AREA.
- 5) PRIOR TO ROUGH GRADING, INSTALL BIG LOGS AND STORM INLET PROTECTION IN LOCATIONS SHOWN OR AS DIRECTED BY THE ENGINEER OR CITY STAFF.
- 6) CONTRACTOR TO INSPECT AND DOCUMENT EROSION CONTROL A MINIMUM OF ONCE EVERY SEVEN DAYS AND WITHIN 24 HOURS OF ANY RAIN EVENT GREATER THAN 1/2 INCH IN 24 HOURS AND WITHIN SEVEN DAYS AFTER THAT EVENT.
- 7) BIG LOG FOUND DAMAGED MUST BE REPAIRED OR REPLACED WITH 24 HOURS UPON DISCOVERY. REMOVAL OF FIBER ROLL AND SILT FINE REQUIRED AFTER SITE IS STABILIZED (AT DIRECTION OF ENGINEER).
- 8) ALL PUBLIC STREETS SHALL BE KEPT FREE OF SEDIMENT AND DEBRIS. ANY SEDIMENT OR DEBRIS DETECTED MUST BE REMOVED WITHIN 24 HOURS OR AS DIRECTED BY CITY.
- 9) ALL EXPOSED SOIL SHALL BE STABILIZED AS SOON AS POSSIBLE, BUT NO LATER THAN 7 DAYS AFTER CONSTRUCTION ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED.
- 10) ALL PROPOSED AND EXISTING CHUTE BASINS WITHIN PROJECT AREA SHALL BE PROVIDED WITH EROSION PROTECTION. RAINFALL CAUSING OF FLOOD PROBLEMS SHALL OCCUR AND SHALL BE INCLUDED IN THE UNIT PRICE OF INLET PROTECTION.

TOTAL DISTURBED AREA = 16,540 SQ. FT. X 1-INCH/12-FT = 1,378 CU. FT. OF INFILTRATION REQUIRED.

|   |   |
|---|---|
| 1 | CONTRACTOR SHALL INSTALL (3) ROWS OF 4" DIA. PERFORATED HDPE PIPING OVER 12" OF 1-1/2" ROCK PER DETAIL. REFER TO DETAIL 9/C4. |
| 2 | STRAIGHT GRADE FOR SIDEWALK THROUGH ISLAND.   |
| 3 | 60" DIA. MANHOLE WITH 4-FT DEEP SUMP. RIM 843.35, INV. 840.50 (15 INCH PVC S.W.), SUMP 836.50                                 |
| 4 | 60" DIA. MANHOLE WITH 4-FT DEEP SUMP. RIM 843.35, INV. 840.40 (15 INCH PVC N.E.W.), SUMP 836.40                               |



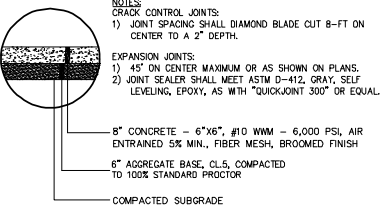
**1 BITUMINOUS PAVING SECTION(S)**  
C4 NO SCALE



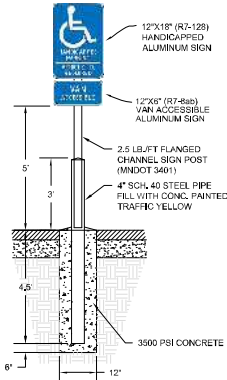
**2 CONCRETE SIDEWALK DETAIL**  
C4 NO SCALE

NOTES:  
TOOLED JOINTS:  
1) JOINT SPACING SHALL MATCH WALK WIDTH UNLESS SHOWN OTHERWISE ON PLANS.

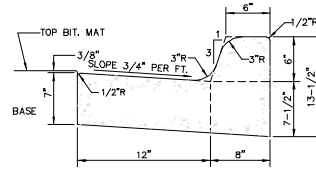
EXPANSION JOINTS:  
1) WHERE WALK BUTTS ANY FIXED OBJECT SUCH AS WALLS, CURBS, MANHOLES, ETC.  
2) 45° ON CENTER MAXIMUM OR AS SHOWN ON PLANS.  
3) JOINT SEALER SHALL MEET ASTM D-412, GRAY, SELF LEVELING, EPOXY, AS WITH "QUICKJOINT 300" OR EQUAL.



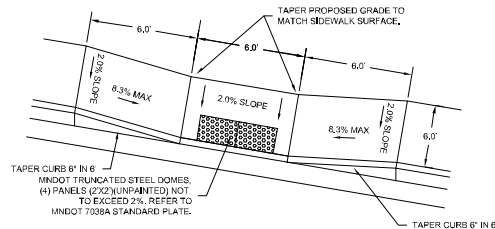
**3 CONCRETE DOCK SECTION**  
C4 NO SCALE



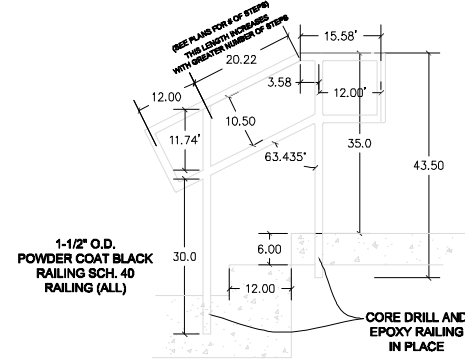
**4 ADA SIGN AND POST**  
C4 NO SCALE



**5 B612 CURB & GUTTER**  
C4 NO SCALE

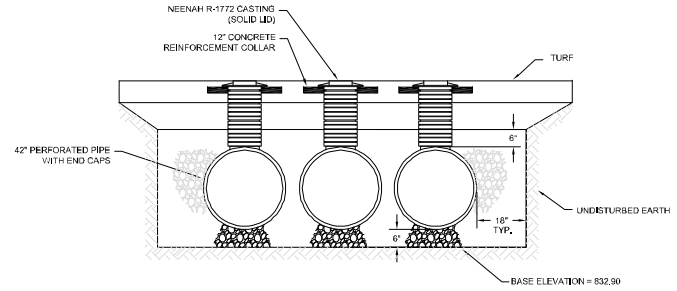


**6 PARALLEL CURB RAMP**  
C7 NO SCALE



**7 TYPICAL EXTERIOR RAILING DETAIL**  
C4 NO SCALE

Per Safety Rail Company:  
4244 Shoreline Drive, Spring Park, MN 55384  
Phone: 888-434-2720 | Fax: 888-471-4931  
www.safetyrailcompany.com



NOTES:

- ALL REFERENCES TO CLASS I OR II MATERIAL ARE PER ASTM D2321 "STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY FLOW APPLICATIONS", LATEST EDITION.
- ALL RETENTION AND DETENTION SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2321, LATEST EDITION AND THE MANUFACTURER'S PUBLISHED INSTALLATION GUIDELINES.
- MEASURES SHOULD BE TAKEN TO PREVENT THE MIGRATION OF NATIVE FINES INTO THE BACKFILL MATERIAL, WHEN REQUIRED. SEE ASTM D2321.
- FILTER FABRIC:** A GEOTEXTILE FABRIC MAY BE USED AS SPECIFIED BY THE ENGINEER TO PREVENT THE MIGRATION OF FINES FROM THE NATIVE SOIL INTO THE SELECTED BACKFILL MATERIAL.
- FOUNDATIONS:** WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH SUITABLE MATERIAL, AS SPECIFIED BY THE ENGINEER, AS AN ALTERNATIVE AND AT THE DISCRETION OF THE DESIGN ENGINEER. THE TRENCH BOTTOM MAY BE STABILIZED USING A GEOTEXTILE MATERIAL.
- BEDDING:** SUITABLE MATERIAL SHALL BE CLASS I AND II. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER.
- INITIAL BACKFILL:** SUITABLE MATERIAL SHALL BE CLASS I OR II IN THE PIPE ZONE EXTENDING NOT LESS THAN 8' ABOVE GROUND OF PIPE. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. MATERIAL SHALL BE INSTALLED AS REQUIRED IN ASTM D2321, LATEST EDITION.

**8 42\"/>**

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| OWNER REVIEW      |   |
| AGENCY REVIEW     | ✓ |
| DD DOCUMENT       |   |
| FOR CONSTRUCTION  |   |
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TODD A. ERICKSON, P.E.  
40418  
LICENSE NO.  
10/14/2015  
DATE:

**OWNER/USER:**  
HOM FURNITURE  
10301 Woodcrest Drive NW  
Coon Rapids, Minnesota 55433

**PROJECT TITLE:**  
HOM FURNITURE  
7800 Dupont Avenue South  
Bloomington, Minnesota

| NO. | REVISION DESCRIPTION | DATE |
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**JOINT:** 15-123

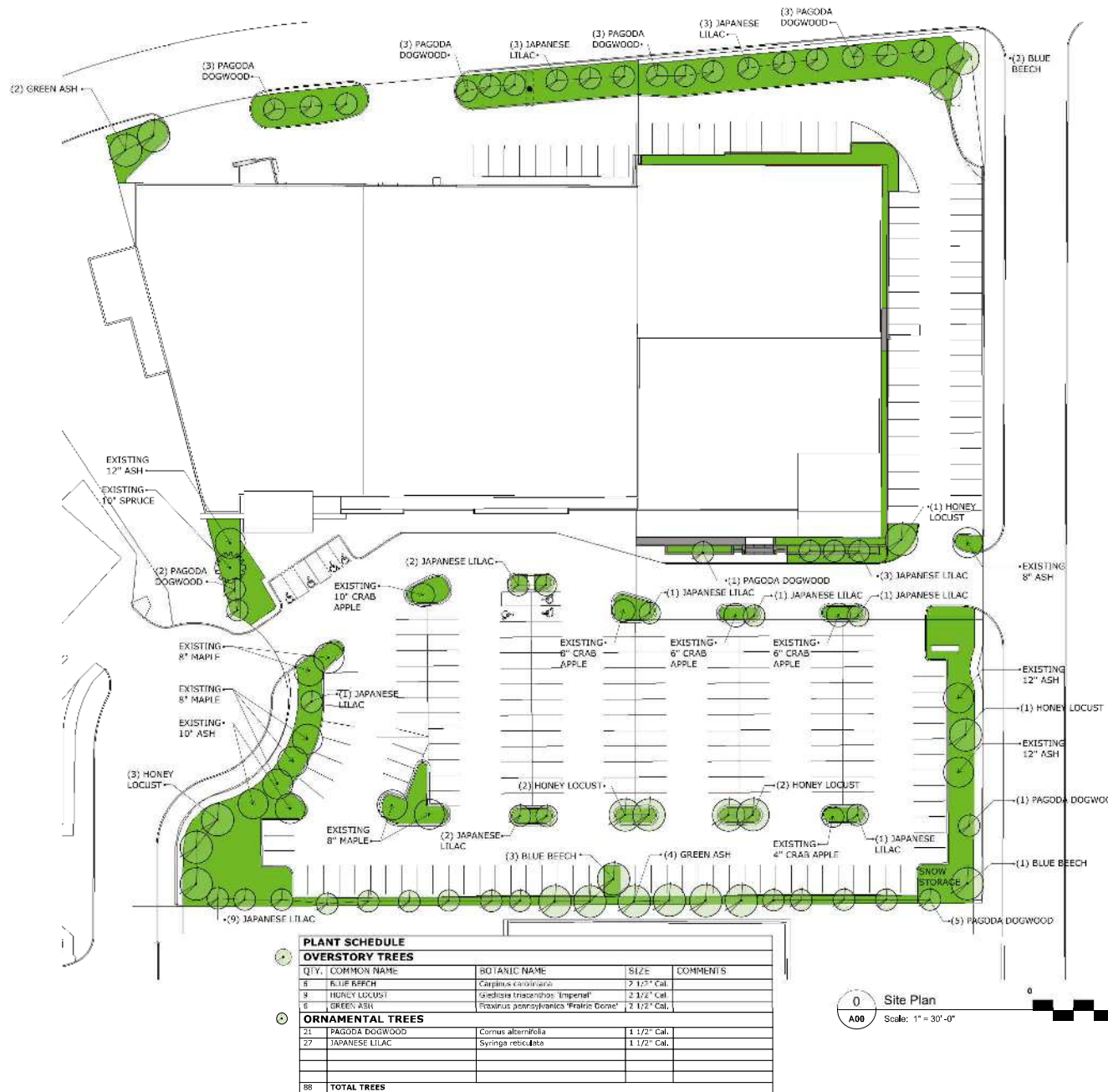
**SHEET TITLE:**

**DETAILS:**

**SHEET NO.:**

**C4**

SHEET 4 OF 4



#### PROPOSED LANDSCAPING:

**DEVELOPMENT SITE AREA:**  
**LOT 1: 154,835 S.F.**  
**LOT 2: 64,689 S.F.**  
**TOTAL 219,524 S.F.**

PER ORDINANCE:  
 1 TREE / 2,500 S.F. = 88 TREES  
 1 SHRUB / 1,000 S.F. = 220 SHRUBS

**EXISTING TREES > 4": 19**  
 ORNAMENTAL; 5  
 OVERSTORY; 14

**NEW TREES:**  
 ORNAMENTAL; 48  
 OVERSTORY; 21

**TOTAL TREES ON SITE: 88**  
 ORNAMENTAL; 53 (60%)  
 OVERSTORY; 35 (40%)

**ARCHNET**  
**usa**  
 architecture • interiors  
 sustainable design  
 333 N Main St. Ste. 201  
 Stillwater, MN 55082  
 651-430-0606  
 archnetusa.com

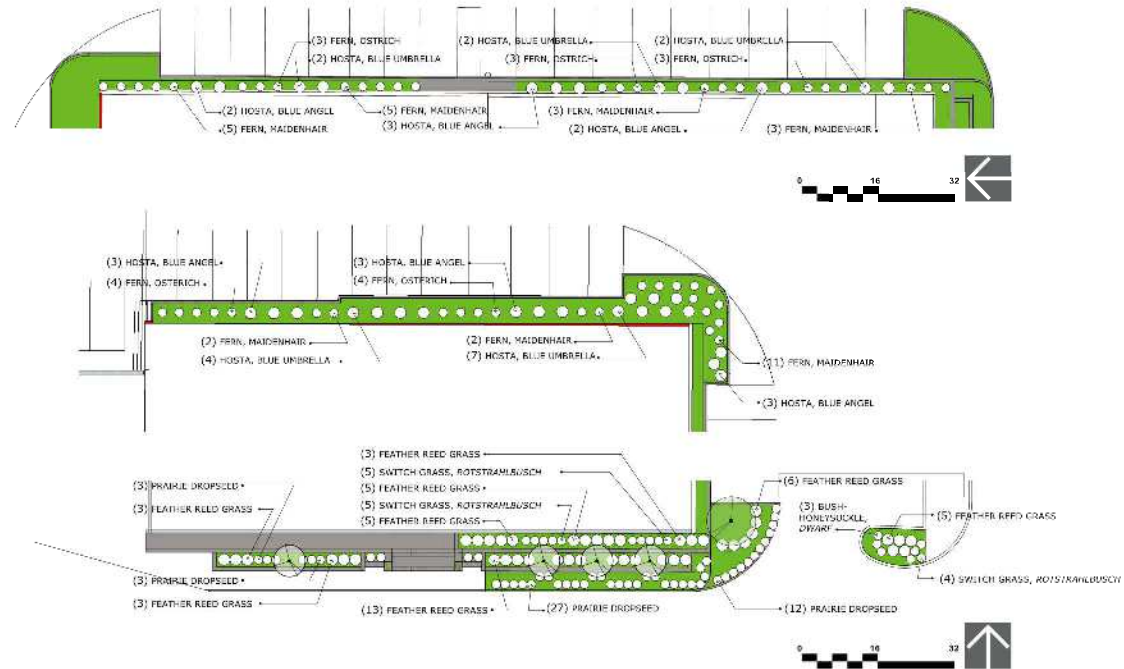
**HOM**  
**Furniture**  
 7800 Dupont Ave. S.  
 Bloomington, Minnesota

| Revisions |      |
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**Registration Information**  
 I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision, and that I am a duly Licensed Architect under the laws of the State of Minnesota  
 Printed Name  
**MICHAEL F. DIEM**  
 Signature  
 DATE 10-28-25 License # 16844

**Sheet Information**  
**SITE LANDSCAPING PLAN TREES**  
 Project No: 15-107 Drawing No:  
 Drawn By: RLT  
 Checked By: MFD  
 Date: 11-03-15  
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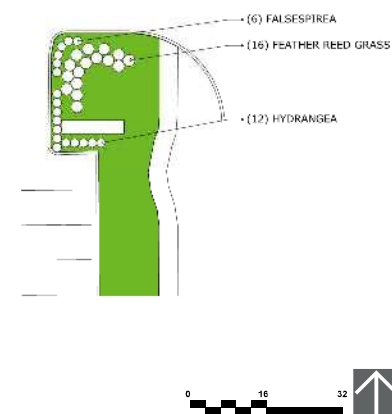
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Printed Name  
 MICHAEL F. DIEM  
 Signature

DATE 10-28-25 License # 16844

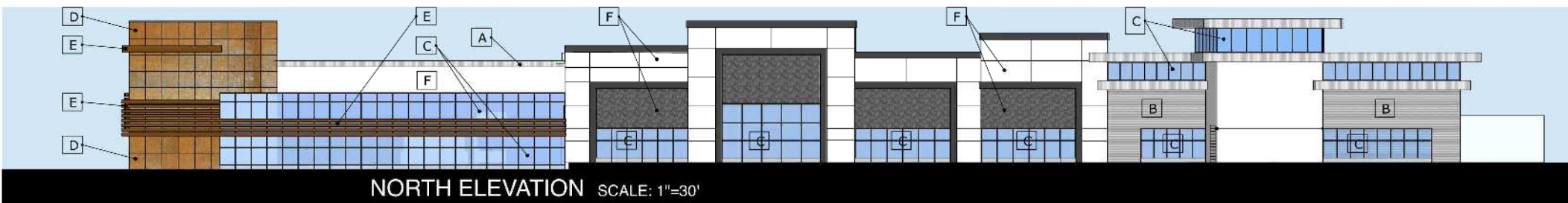
| PLANT SCHEDULE      |                              |                                   |          |          |
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| SHRUBS / PERENNIALS |                              |                                   |          |          |
| QTY.                | COMMON NAME                  | BOTANIC NAME                      | SIZE     | COMMENTS |
| 14                  | SWITCH GRASS, ROTSTRAHLBUSCH | P. virgatum 'northwinds'          | #1 Cont. |          |
| 45                  | PRAIRIE DROPS EED            | Sporobolus heterolepis 'Tara'     | #1 Cont. |          |
| 59                  | FEATHER REED GRASS           | Calamagrostis 'Karl Foerster'     | #1 Cont. |          |
| 3                   | BUSH-HONEYSUCKLE, DWARF      | Diervilla lonicera                | #5 Cont. |          |
| 6                   | FALSESPIREA                  | Sorbaria sorbifolia 'Sem'         | #5 Cont. |          |
| 12                  | HYDRANGEA, ANNABELLE         | Hydrangea arborescens 'Annabelle' | #3 Cont. |          |
| 31                  | FERN, MAIDENHAIR             | Adiantum pedatum                  | #1 Cont. |          |
| 17                  | FERN, OSTRICH                | Matteuccia struthiopteris         | #1 Cont. |          |
| 16                  | HOSTA, BLUE ANGEL            | Hosta 'Blue Angel'                | #1 Cont. |          |
| 17                  | HOSTA, BLUE UMBRELLA         | Hosta 'Blue Umbrella'             | #1 Cont. |          |
| 220                 | TOTAL SHRUBS                 |                                   |          |          |



**Sheet Information**  
 SITE LANDSCAPING PLAN  
 SHRUBS

Project No: 15-107 Drawing No:  
 Drawn By: RLT  
 Checked By: MFD  
 Date: 11-03-15

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**EXTERIOR BUILDING MATERIALS  
TO CONSIST OF THE FOLLOWING:**

- A - METAL FASCIA PANELS
- B - PROFILED METAL PANELS
- C - STOREFRONT GLAZING
- D - METAL WALL PANELS (30 YEAR WARRANTY)
- E - PROJECTING METAL SLATS
- F - FINAL AREAS AND LOCATIONS TO BE DETERMINED IN  
SUBSEQUENT SUBMITTALS



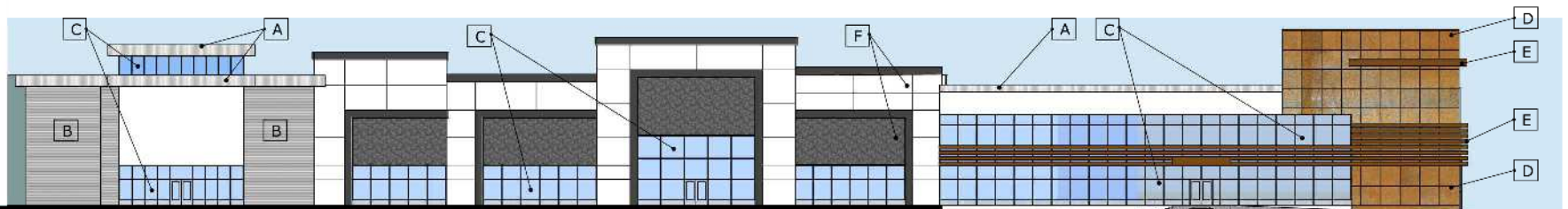
**HOM BLOOMINGTON, MN**

10-15-2015

**ARCHNET**  
**u s a**

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- F** -FINAL AREAS AND LOCATIONS TO BE DETERMINED IN  
SUBSEQUENT SUBMITTALS



**SOUTH ELEVATION** SCALE: 1"=30'



**SOUTH EAST VIEW**



**SOUTH WEST VIEW**

10-15-2015

**HOM BLOOMINGTON, MN**

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**POSSIBLE SIGNAGE AREA**

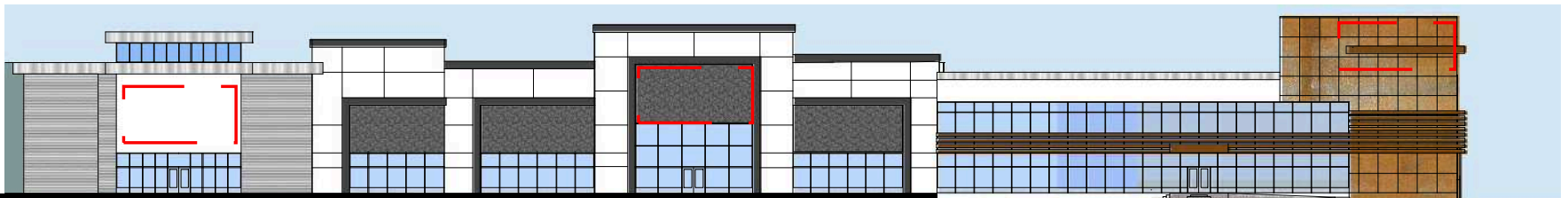
**NOT TO EXCEED 740 SQ .FT.**



**NORTH ELEVATION** SCALE: 1"=30'

**POSSIBLE SIGNAGE AREA**

**NOT TO EXCEED 688 SQ .FT.**



**SOUTH ELEVATION** SCALE: 1"=30'

8-5-2015

**HOM BLOOMINGTON, MN**

**ARCHNET**  
**u s a**



# HOM FURNITURE METAL HALIDE PHOTOMETRIC PLAN

SCALE: NTS

BLOOMINGTON, MN

On-Site Lighting  
& Survey, LLC

1111 HIGHWAY 25 NORTH  
SUITE 201  
BUFFALO, MN 55313

PH: 763.684.1548  
FAX: 763.682.9048

COMPANY INFO

CLIENT

PROJECT INFO

**HOM  
FURNITURE**

7800 DUPONT AVE. S.  
BLOOMINGTON, MN

ENGINEER INFO

ENGINEER SEAL

REVISIONS

SHEET DESCRIPTION

PROJECT #

DESIGN LEVEL

AGI

CAD

SHEET #

10.12.2015

B.JACOBS





B.JACOBS

**SL200**

REV # **0**

**METAL HALIDE  
PHOTOMETRIC  
PLAN**

New Pole Location

| Luminaire Schedule  |     |       |             |                   |       |
|---|-----|-------|-------------|-------------------|-------|
| Symbol  | Qty | Label | Arrangement | Total Lamp Lumens | LLF   |
|  | 1   | F-1b  | SINGLE      | 42000             | 0.300 |
| Existing 400W MH Flood Horiz FG 15' Mtg Ht MPWR-65-X-400 (By Others)                |     |       |             |                   |       |
|  | 18  | M-1   | SINGLE      | 17500             | 0.810 |
| New Flat w/250W PSMH TS Vert FG 25' Mtg Ht Visionaire AMERICAN AME-2 TS-250 PS      |     |       |             |                   |       |
|  | 10  | M-2   | BACK-BACK   | 17500             | 0.810 |
| New Flat w/250W PSMH TS Vert FG 25' Mtg Ht Visionaire AMERICAN AME-2 TS-250 PS      |     |       |             |                   |       |
|  | 21  | M-1   | SINGLE      | 82000             | 0.800 |
| New Flood 750W FG 26' Mtg Ht Techlight DCL Series DCLBAP1                           |     |       |             |                   |       |

| Calculation Summary |      |      |     |         |       |
|---------------------|------|------|-----|---------|-------|
| Label               | Avg  | Max  | Min | Avg/Min | # Pts |
| Site                | 4.83 | 19.8 | 0.0 | N/A     | 357   |
| Main Parking        | 3.95 | 5.4  | 2.4 | 1.65    | 90    |

BASED ON THE INFORMATION PROVIDED, ALL DIMENSIONS AND LUMINAIRE LOCATIONS SHOWN REPRESENT RECOMMENDED POSITIONS, THE ENGINEER AND/OR ARCHITECT MUST DETERMINE APPLICABILITY OF THE LAYOUT TO EXISTING OR FUTURE FIELD CONDITIONS.

THE LIGHTING PATTERN REPRESENTS ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA TAKEN UNDER THE CONTROLLED CONDITIONS UTILIZING CURRENT INDUSTRY STANDARD LAMP RATINGS IN ACCORDANCE WITH ILLUMINATING ENGINEERING SOCIETY APPROVED METHODS. ACTUAL PERFORMANCE OF ANY MANUFACTURER'S LUMINAIRE MAY VARY DUE TO VARIATION IN ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS, AND OTHER VARIABLE FIELD CONDITIONS.

FOR ADDITIONAL LIGHTING INFORMATION CONTACT:

**On-Site Lighting  
& Survey, LLC**

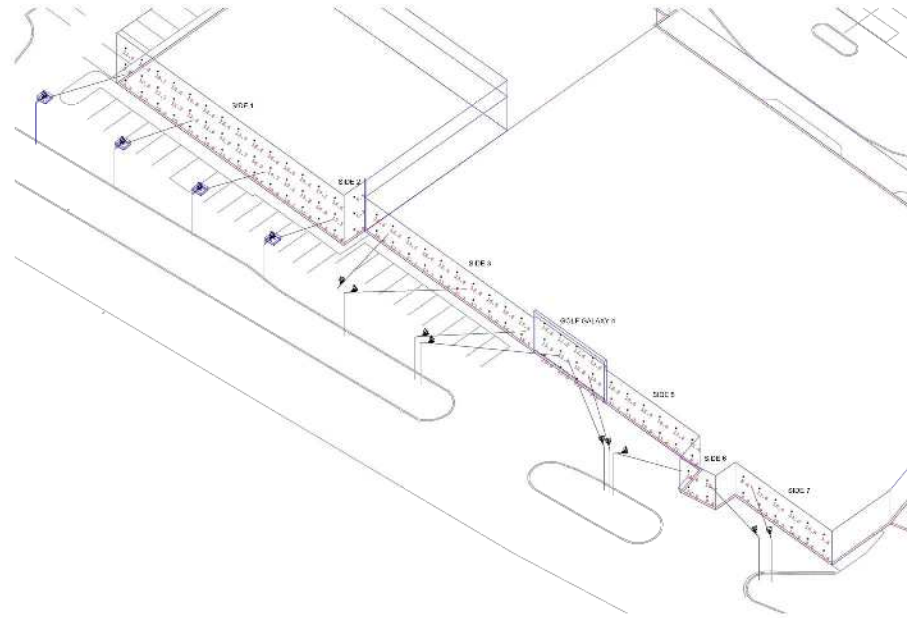
PH: 763.684.1548



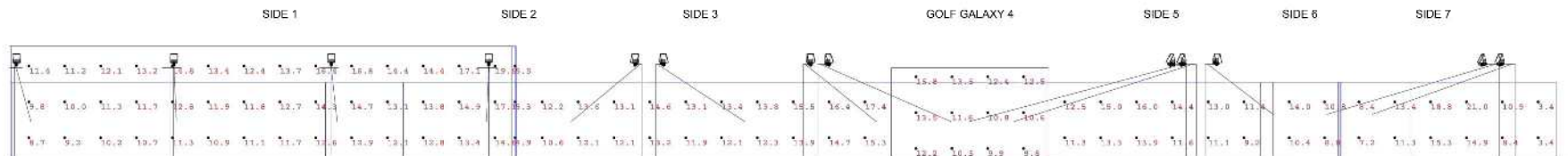
# HOM FURNITURE METAL HALIDE PHOTOMETRIC PLAN

SCALE: NTS

BLOOMINGTON, MN



3D VIEW NORTH WALL



ELEVATION VIEW NORTH WALL

| Luminaire Schedule |     |       |             |                   |       |   |
|--------------------|-----|-------|-------------|-------------------|-------|---|
| Symbol             | Qty | Label | Arrangement | Total Lamp Lumens | LLF   | Description   |
|                    | 4   | W-1   | SINGLE      | 17500             | 0.810 | New Flat 250W PBMH T5 Vmr PG 25 Mty Ht. Vokoline AMERICAN AVR-2 T5-250 PS |
|                    | 13  | MH-1  | SINGLE      | 82000             | 0.800 | New Flood 750W FG 26 Mty Ht. Techlight DCL Series DCLBAP1                 |

| Calculation Summary |       |      |      |         |         |       |
|---------------------|-------|------|------|---------|---------|-------|
| Label               | Avg   | Max  | Min  | Avg/Min | Max/Min | # Pts |
| Side_1              | 12.95 | 19.5 | 8.7  | 1.40    | 2.25    | 42    |
| Side_2              | 5.23  | 5.5  | 4.9  | 1.07    | 1.12    | 3     |
| Side_3              | 13.57 | 17.4 | 10.6 | 1.28    | 1.64    | 20    |
| Side_4              | 11.93 | 15.8 | 9.8  | 1.22    | 1.61    | 12    |
| Side_5              | 12.73 | 16.0 | 9.2  | 1.38    | 1.74    | 12    |
| Side_6              | 11.00 | 14.0 | 8.8  | 1.25    | 1.59    | 4     |
| Side_7              | 11.37 | 21.0 | 3.4  | 3.34    | 6.18    | 12    |

BASED ON THE INFORMATION PROVIDED, ALL DIMENSIONS AND LUMINAIRE LOCATIONS SHOWN BY THIS SITE CONSTRUCTION DOCUMENTS, THE ENGINEER ASSURES THAT THE DESIGN MUST DETERMINE APPLICABILITY OF THE LAYOUT TO EXISTING OR FUTURE FIELD CONDITIONS.

THE LIGHTING DATA IS THE REVISION'S ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA THAT LIMITS THE CONTRACTOR'S CONDITIONS OF USE AND CURRENT INDUSTRY STANDARD LAMP RATINGS IN ACCORDANCE WITH THE ILLUMINATING ENGINEERING SOCIETY APPROVED METHODS, ACTUAL PERFORMANCE OF ANY MANUFACTURER'S LUMINAIRE MAY VARY DUE TO MANUFACTURING TOLERANCES, TOLERANCES IN LAYOUT, AND OTHER UNUSUAL FIELD CONDITIONS.

FOR ADDITIONAL LIGHTING INFORMATION CONTACT:

**On-Site Lighting & Survey, LLC**

PH: 763.684.1548  
FAX: 763.682.9048

**On-Site Lighting & Survey, LLC**

1111 HIGHWAY 25 NORTH  
SUITE 201  
BUFFALO, MN 55313  
PH: 763.684.1548  
FAX: 763.682.9048

**HOM FURNITURE**  
7800 DUPONT AVE. S.  
BLOOMINGTON, MN

| DATE       | INIT | DESCRIPTION              |
|------------|------|--------------------------|
| 10/08/2015 | DP   | ADDED FIXTURE DATA       |
| 10/09/2015 | DP   | CHANGE FIXTURE LOCATIONS |
| 10/12/2015 | DP   | ADDED FEATURES           |

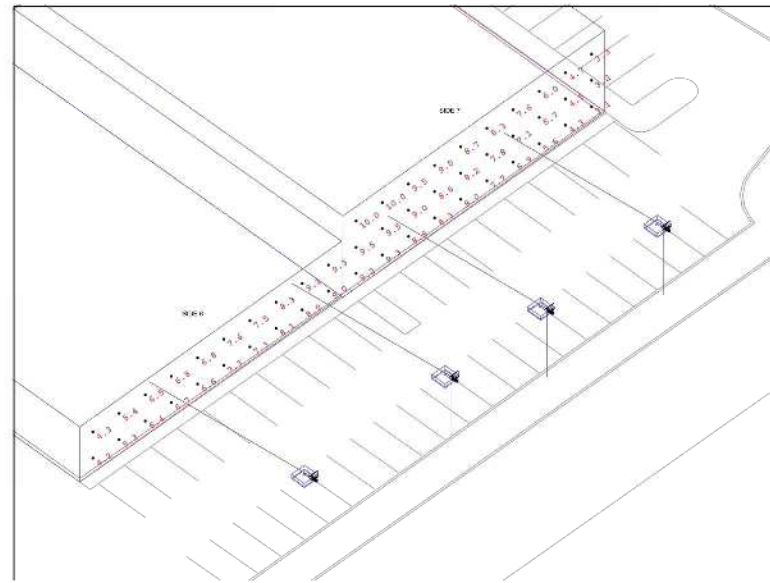
**METAL HALIDE NORTH WALL PHOTOMETRIC PLAN**

| PROJECT #    | 10.08.2015 |
|--------------|------------|
| DESIGN LEVEL | B.JACOBS   |
| AGI          | B.JACOBS   |
| CAD          | B.JACOBS   |
| SHEET        | SL201      |
| REV #        | 3          |

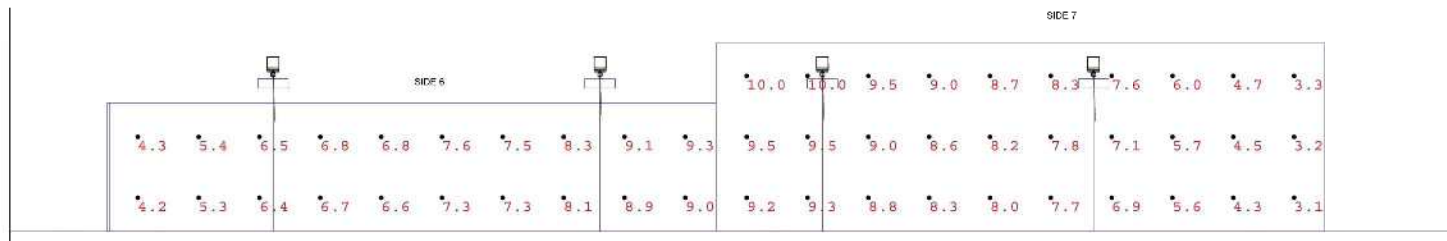
# HOM FURNITURE METAL HALIDE PHOTOMETRIC PLAN

SCALE: NTS

BLOOMINGTON, MN



3D VIEW EAST WALL



ELEVATION VIEW EAST WALL

| Luminaire Schedule |     |       |             |                   |       |   |
|--------------------|-----|-------|-------------|-------------------|-------|---|
| Symbol             | Qty | Label | Arrangement | Total Lamp Lumens | LLF   | Description   |
|                    | 4   | M-1   | SINGLE      | 17500             | 0.819 | New Floe 280W PSM HTS Ver.1 FG 28' Mtg Ht. Visionaire AMERICAN AME-2 TS-25XPS |
|                    | 4   | MH-1  | SINGLE      | 82000             | 0.800 | New Flood 750W FG 28' Mtg Ht. Techlight DCL Series DCLBAP1                    |

| Calculation Summary |      |      |     |         |         |       |
|---------------------|------|------|-----|---------|---------|-------|
| Label               | Avg  | Max  | Min | Avg/Min | Max/Min | S.Pts |
| Side_6              | 7.67 | 9.5  | 4.2 | 1.68    | 2.21    | 26    |
| Side_9              | 7.38 | 10.0 | 3.1 | 2.38    | 3.23    | 30    |

|  |  |
|--|--|
| BASED ON THE INFORMATION PROVIDED, ALL DIMENSIONS AND LUMINAIRE LOCATIONS SHOWN ARE PRELIMINARY POSITIONS. THE ENGINEER AND/OR ARCHITECT MUST DETERMINE APPLICABILITY OF THE LAYOUT TO EXISTING OR FUTURE FIELD CONDITIONS.  |  |
| THE LIGHTING DATA PRESENTS ILLUMINATION LEVELS CALCULATED FROM LUMINAIRE DATA TAKEN FROM THE FOLLOWING CONTROLLED CONDITIONS UTILIZING CURRENT INDUSTRY STANDARD LAMP RATINGS IN ACCORDANCE WITH ILLUMINATING ENGINEERING SOCIETY APPROVED METHODS. ACTUAL PERFORMANCE OF ANY MANUFACTURER'S LUMINAIRE MAY VARY DUE TO VARIATIONS IN ELECTRICAL VOLTAGE, ILLUMINANCE, LUMENS, AND OTHER VARIABLE FIELD CONDITIONS. |  |
| FOR ADDITIONAL LIGHTING INFORMATION CONTACT:<br><b>On-Site Lighting &amp; Survey, LLC</b><br>TEL: 763.682.1548   |  |

On-Site Lighting  
& Survey, LLC

1111 HIGHWAY 25 NORTH  
SUITE 201  
BUFFALO, MN 55313  
PH: 763.682.1548  
FAX: 763.682.9848

**HOM FURNITURE**  
7800 DUPONT AVE. S.  
BLOOMINGTON, MN

DATE: 10.12.2015  
INIT: B.JACOBS  
DESCRIPTION: CHANGE FEATURE LOCATION  
10.12.2015  
INIT: B.JACOBS  
DESCRIPTION: ADDED FEATURES

DATE: 10.12.2015  
INIT: B.JACOBS  
DESCRIPTION: ADDED FEATURES

**METAL HALIDE  
EAST WALL  
PHOTOMETRIC  
PLAN**

**10.12.2015**

**B.JACOBS**

**B.JACOBS**

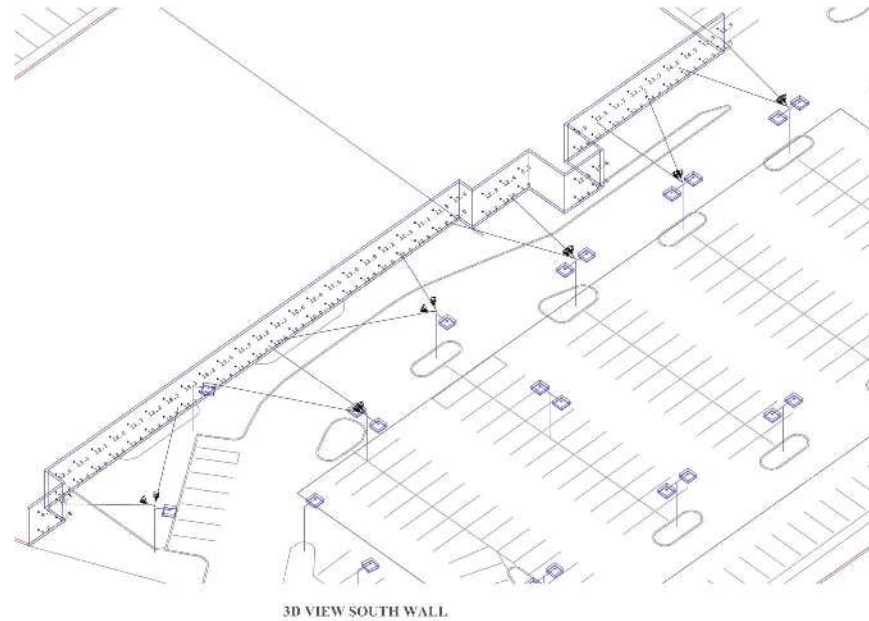
**SL202**

**3**

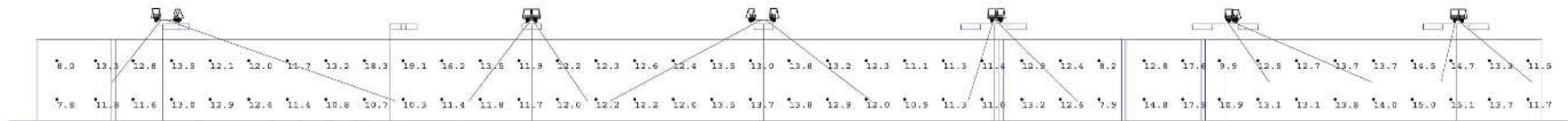
# HOM FURNITURE METAL HALIDE PHOTOMETRIC PLAN

SCALE: NTS

BLOOMINGTON, MN



3D VIEW SOUTH WALL



ELEVATION VIEW SOUTH WALL

| Luminaire Schedule |     |       |             |                   |       |   |
|--------------------|-----|-------|-------------|-------------------|-------|---|
| Symbol             | Qty | Label | Arrangement | Total Lamp Lumens | LLF   | Description   |
|                    | 3   | M-1   | SINGLE      | 17500             | 0.810 | New Flat w/250W PSMH T5 Vert FG 25' Mtg Ht. Visionaire AMERICAN AVE-2 T5-250 PS |
|                    | 4   | M-2   | BACK-BACK   | 17500             | 0.810 | New Flat w/250W PSMH T5 Vert FG 25' Mtg Ht. Visionaire AMERICAN AVE-2 T5-250 PS |
|                    | 12  | MH-1  | SINGLE      | 82000             | 0.800 | New Flood 750W FG 26' Mtg Ht. Techlight DCL Series DCLBAP1                      |

| Calculation Summary |       |      |      |         |         |       |
|---------------------|-------|------|------|---------|---------|-------|
| Label               | Avg   | Max  | Min  | Avg/Ftn | Max/Ftn | # Fts |
| Side_1              | 13.12 | 15.3 | 9.9  | 1.33    | 1.52    | 18    |
| Side_2              | 15.75 | 17.9 | 12.7 | 1.24    | 1.41    | 4     |
| Side_3              | 11.17 | 13.1 | 7.9  | 1.41    | 1.66    | 6     |
| Side_4              | 12.53 | 19.0 | 10.2 | 1.23    | 1.86    | 46    |
| Side_5              | 10.20 | 13.3 | 7.8  | 1.31    | 1.71    | 4     |

BASED ON THE INFORMATION PROVIDED, ALL DIMENSIONS AND LUMINAIRE LOCATIONS SHOWN ON THIS PLAN ARE FOR INFORMATION PURPOSES ONLY. THE ENGINEER MAKES NO WARRANTY AS TO THE ACCURACY OF THE INFORMATION PROVIDED. THE ENGINEER MAKES NO WARRANTY AS TO THE ACCURACY OF THE INFORMATION PROVIDED. THE ENGINEER MAKES NO WARRANTY AS TO THE ACCURACY OF THE INFORMATION PROVIDED.

FOR ADDITIONAL LIGHTING INFORMATION CONTACT:

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TEL: 763.681.1548

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SUITE 201  
BUFFALO, MN 55313  
PH: 763.681.1548  
FAX: 763.681.9048

**HOM FURNITURE**  
7800 DUPONT AVE. S.  
BLOOMINGTON, MN

**ENGINEER SEAL**

| REV | DATE       | BY | DESCRIPTION            |
|-----|------------|----|------------------------|
| 1   | 10.08.2015 | JD | ADDED EXISTING         |
| 2   | 10.09.2015 | JD | CHANGE FUTURE LOCATION |
| 3   | 10.12.2015 | JD | ADDED FEATURES         |

**METAL HALIDE PHOTOMETRIC PLAN**

**PROJECT #**

| DESIGN LEVEL | 10.12.2015 |
|--------------|------------|
| ASB          | B.JACOBS   |
| CAD          | B.JACOBS   |
| SHEET #      | SL205      |
| REV #        | 3          |